

RECEIVED DEC 26 1990

Federal Communications Commission
Washington, D. C. 20554

FCC 301

Approved by OMB
3080-0027

Expires 2/28/92

See Page 25 for information
regarding public burden estimate

APPLICATION FOR CONSTRUCTION PERMIT FOR COMMERCIAL BROADCAST STATION

For COMMISSION Fee Use Only	FEE NO:	For APPLICANT Fee Use Only Is a fee submitted with this application? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	FEE TYPE:	
	FEE AMT:	If fee exempt (see 47 C.F.R. Section 1.1112), indicate reason therefor (check one box): <input type="checkbox"/> Noncommercial educational licensee <input type="checkbox"/> Governmental entity
	ID SEQ:	FOR COMMISSION USE ONLY FILE NO. BPA-900226MB

Section I - GENERAL INFORMATION

1. Name of Applicant Joseph A. Booth and Robert H. Cauthen, Jr. dba J. H. Communications			Send notices and communications to the following person at the address below: Name Stephen T. Yelverton Maupin Taylor Ellis & Adams, P.C.		
Street Address or P.O. Box 517 Croatan Rd.			Street Address or P.O. Box 1130 Connecticut Ave., N.W. #750		
City Virginia Beach	State VA.	ZIP Code 23451	City Washington	State D.C.	ZIP Code 20036
Telephone No. (Include Area Code) 804-428-1192			Telephone No. (Include Area Code) 202-429-8910		

2. This application is for: ☐ AM ☒ FM ☐ TV

(a) Channel No. or Frequency 295 A	(b) Principal Community Ocean City	City Ocean City	State MD
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(c) Check one of the following boxes:

☒ Application for NEW station

☐ MAJOR change in licensed facilities; call sign: _____

☐ MINOR change in licensed facilities; call sign: _____

☐ MAJOR modification of construction permit; call sign: _____

File No. of construction permit: _____

☐ MINOR modification of construction permit; call sign: _____

File No. of construction permit: _____

☐ AMENDMENT to pending application; Application file number: _____

NOTE: It is not necessary to use this form to amend a previously filed application. Should you do so, however, please submit only Section I and those other portions of the form that contain the amended information.

3. Is this application mutually exclusive with a renewal application? ☐ Yes ☒ No

If Yes, state:

Call letters	Community of License	
	City	State

Section V-B - FM BROADCAST ENGINEERING DATA	FOR COMMISSION USE ONLY File No. _____ ASB Referral Date _____ Referred by _____
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Name of Applicant

J. H. COMMUNICATIONS

Call letters (if issued)

Is this application being filed in response to a window? ☒ Yes ☐ No

If Yes, specify closing date: December 26, 1990

Purpose of Application: (check appropriate box(es))

- | | |
|--|---|
| <input checked="" type="checkbox"/> Construct a new (main) facility | <input type="checkbox"/> Construct a new auxiliary facility |
| <input type="checkbox"/> Modify existing construction permit for main facility | <input type="checkbox"/> Modify existing construction permit for auxiliary facility |
| <input type="checkbox"/> Modify licensed main facility | <input type="checkbox"/> Modify licensed auxiliary facility |

If purpose is to modify, indicate below the nature of change(s) and specify the file number(s) of the authorizations affected.

- | | |
|---|--|
| <input type="checkbox"/> Antenna supporting-structure height | <input type="checkbox"/> Effective radiated power |
| <input type="checkbox"/> Antenna height above average terrain | <input type="checkbox"/> Frequency |
| <input type="checkbox"/> Antenna location | <input type="checkbox"/> Class |
| <input type="checkbox"/> Main Studio location | <input type="checkbox"/> Other (Summarize briefly) |

File Number(s) _____

1. Allocation:

Channel No.	Principal community to be served:			Class (check only one box below)
	City	County	State	
295	Ocean City	Worcester	MD	<input checked="" type="checkbox"/> A <input type="checkbox"/> B1 <input type="checkbox"/> B <input type="checkbox"/> C3 <input type="checkbox"/> C2 <input type="checkbox"/> C1 <input type="checkbox"/> C

2. Exact location of antenna.

- (a) Specify address, city, county and state. If no address, specify distance and bearing relative to the nearest town or landmark. The site is in the Todd Industrial Park 0.8 kilometer northwest of the intersection of St. Martin Neck Road and Salt Grass Road in Worcester County, Maryland.
- (b) Geographical coordinates (to nearest second). If mounted on element of an AM array, specify coordinates of center of array. Otherwise, specify tower location. Specify South Latitude or East Longitude where applicable; otherwise, North Latitude or West Longitude will be presumed.

Latitude 38 ° 25 ' 15 "	Longitude 75 ° 08 ' 02 "
--	---

3. Is the supporting structure the same as that of another station(s) or proposed in another pending application(s)? ☐ Yes ☒ No

If Yes, give call letter(s) or file number(s) or both. _____

If proposal involves a change in height of an existing structure, specify existing height above ground level including antenna, all other appurtenances, and lighting, if any. _____

4. Does the application propose to correct previous site coordinates?

☐ Yes ☒ No

If Yes, list old coordinates.

Latitude	°	'	"	Longitude	°	'	"
----------	---	---	---	-----------	---	---	---

5. Has the FAA been notified of the proposed construction?

☒ Yes ☐ No

If Yes, give date and office where notice was filed and attach as an Exhibit a copy of FAA determination, if available.

Exhibit No.

Date December 22, 1990 Office where filed Jamaica

6. List all landing areas within 8 km of antenna site. Specify distance and bearing from structure to nearest point of the nearest runway.

	Landing Area	Distance (km)	Bearing (degrees True)
(a)	<u>Warrington</u>	<u>4.8</u>	<u>310</u>
(b)			

(a) Elevation: (to the nearest meter)

(1) of site above mean sea level; 4 meters(2) of the top of supporting structure above ground (including antenna, all other appurtenances, and lighting, if any); and 102 meters(3) of the top of supporting structure above mean sea level [(aX1) + (aX2)] 106 meters

(b) Height of radiation center: (to the nearest meter) H - Horizontal; V - Vertical

(1) above ground 98 meters (H)98 meters (V)(2) above mean sea level [(aX1) + (bX1)] 102 meters (H)102 meters (V)(3) above average terrain 100 meters (H)100 meters (V)

8. Attach as an Exhibit sketch(es) of the supporting structure, labelling all elevations required in Question 7 above, except item 7(b)(3). If mounted on an AM directional-array element, specify heights and orientations of all array towers, as well as location of FM radiator.

Exhibit No.
Fig. 1

9. Effective Radiated Power:

(a) ERP in the horizontal plane

3.0 kw (H*) 3.0 kw (V*)

(b) Is beam tilt proposed?

☐ Yes ☒ No

If Yes, specify maximum ERP in the plane of the tilted beam, and attach as an Exhibit a vertical elevational plot of radiated field.

Exhibit No.

 kw (H*) kw (V*)

*Polarization

Shively Labs, a division of Howell Laboratories, Inc.

BRIDGTON, MAINE 04009
TWX 710-223-8910 SHIVELY BRGT

(207) 647-3327
FAX (207) 647-8273

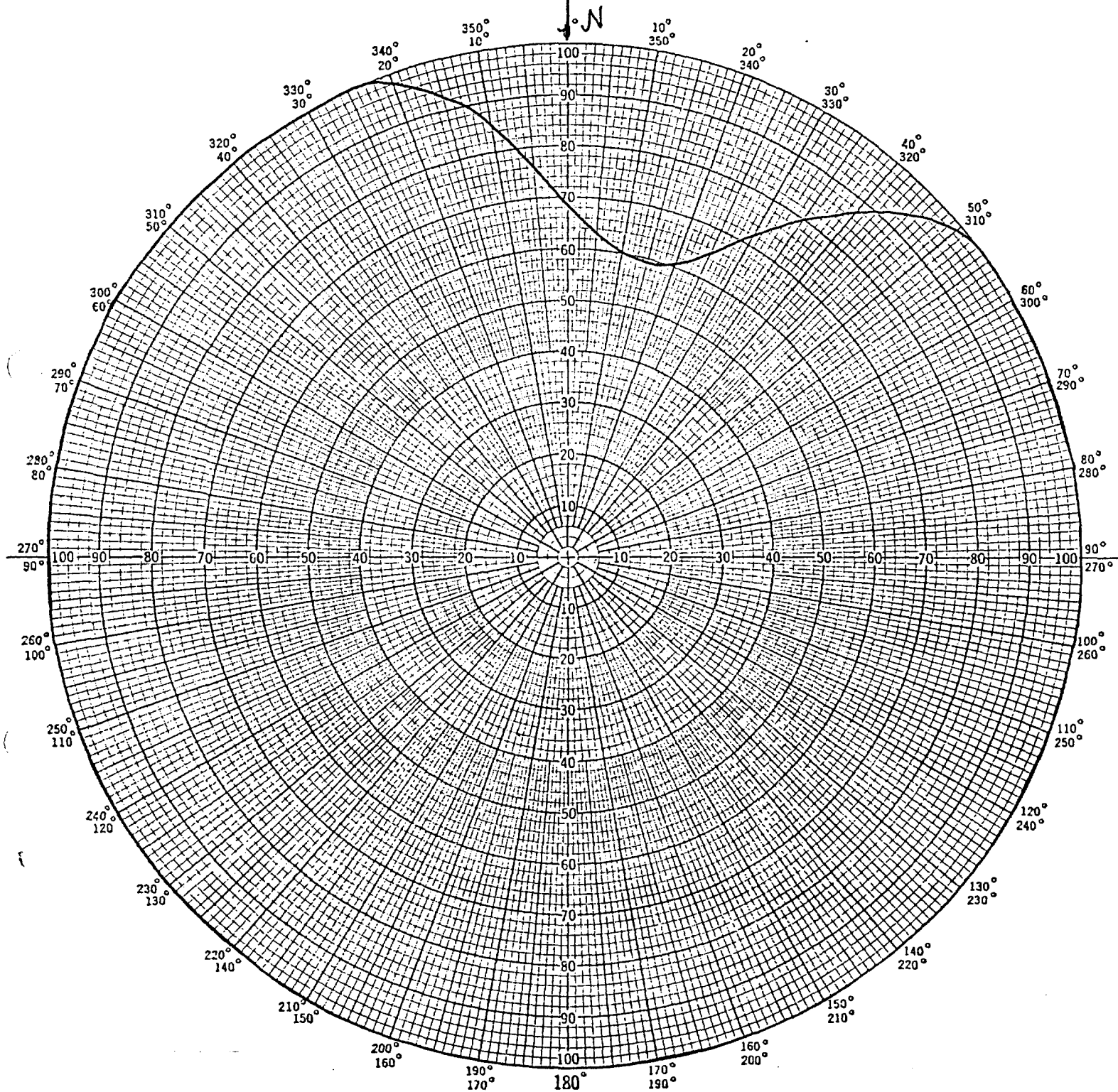
Tabulation of Composite Pattern New FM Ocean City, Maryland

Degrees	Relative Field	Degrees	Relative Field
0	0.685	180	1.000
10	0.600	190	1.000
15	0.595		
20	0.605	200	1.000
30	0.720	210	1.000
40	0.875	220	1.000
45	0.940	225	1.000
50	0.990	230	1.000
60	1.000	240	1.000
70	1.000	250	1.000
80	1.000	260	1.000
90	1.000	270	1.000
100	1.000	280	1.000
110	1.000	290	1.000
120	1.000	300	1.000
130	1.000	310	1.000
135	1.000	315	1.000
140	1.000	320	1.000
150	1.000	330	1.000
160	1.000	340	0.980
170	1.000	350	0.855

Shively Labs

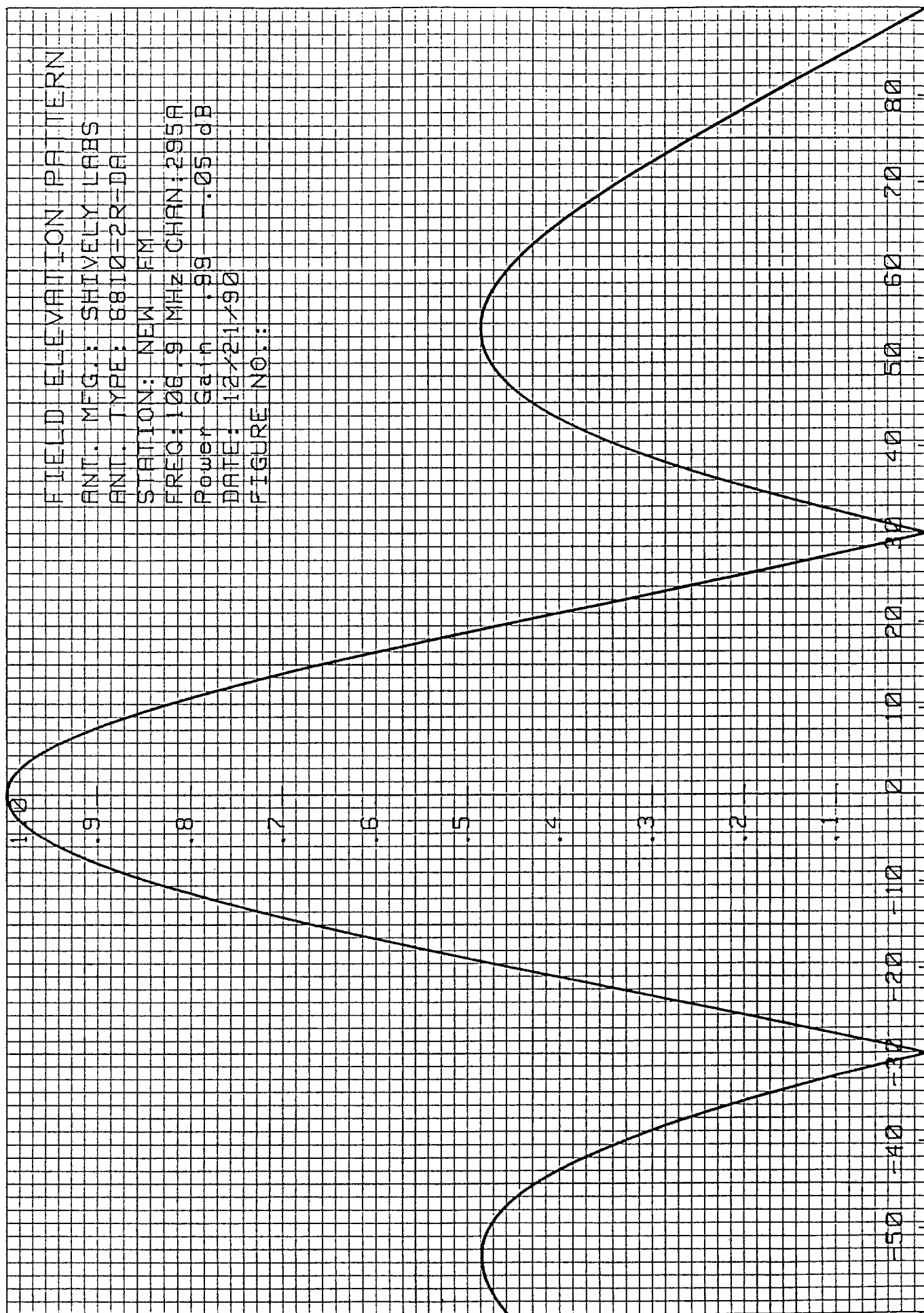
PROJECT NAME New FM Ocean City, MD
PROJECT NUMBER 910376 DATE 12/21/90

ANTENNA TYPE 6810-2R-DA
PATTERN TYPE Directional Azimuth



MODEL (X) FULL SCALE () FREQUENCY 481.05/106.9 MHz
POLARIZATION Composite
CURVE PLOTTED IN: VOLTAGE (X) POWER () DB ()
OBSERVER RAS

REMARKS:



SECTION V-B - FM BROADCAST ENGINEERING DATA (Page 3)

10. Is a directional antenna proposed?

☒ Yes ☐ No

If Yes, attach as an Exhibit a statement with all data specified in 47 C.F.R. Section 73.316, including plot(s) and tabulations of the relative field.

Exhibit No.
Eng

11. Will the proposed facility satisfy the requirements of 47 C.F.R. Sections 73.315(a) and (b)?

☒ Yes ☐ No

If No, attach as an Exhibit a request for waiver and justification therefor, including amounts and percentages of population and area that will not receive 3.16 mV/m service.

Exhibit No.

12. Will the main studio be within the protected 3.16 mV/m field strength contour of this proposal?

☒ Yes ☐ No

If No, attach as an Exhibit justification pursuant to 47 C.F.R. Section 73.1125.

Exhibit No.

13. (a) Does the proposed facility satisfy the requirements of 47 C.F.R. Section 73.207?

☐ Yes ☒ No

(b) If the answer to (a) is No, does 47 C.F.R. Section 73.213 apply?

☒ Yes ☐ No

(c) If the answer to (b) is Yes, attach as an Exhibit a justification, including a summary of previous waivers.

Exhibit No.
Narrative

(d) If the answer to (a) is No and the answer to (b) is No, attach as an Exhibit a statement describing the short spacing(s) and how it or they arose.

Exhibit No.
Narrative

(e) If authorization pursuant to 47 C.F.R. Section 73.215 is requested, attach as an Exhibit a complete engineering study to establish the lack of prohibited overlap of contours involving affected stations. The engineering study must include the following:

Exhibit No.
Fig. 4

- (1) Protected and interfering contours, in all directions (360°), for the proposed operation.
- (2) Protected and interfering contours, over pertinent arcs, of all short-spaced assignments, applications and allotments, including a plot showing each transmitter location, with identifying call letters or file numbers, and indication of whether facility is operating or proposed. For vacant allotments, use the reference coordinates as the transmitter location.
- (3) When necessary to show more detail, an additional allocation study utilizing a map with a larger scale to clearly show prohibited overlap will not occur.
- (4) A scale of kilometers and properly labeled longitude and latitude lines, shown across the entire exhibit(s). Sufficient lines should be shown so that the location of the sites may be verified.
- (5) The official title(s) of the map(s) used in the exhibit(s).

14. Are there: (a) within 60 meters of the proposed antenna, any proposed or authorized FM or TV transmitters, or any nonbroadcast (except citizens band or amateur) radio stations; or (b) within the blanketing contour, any established commercial or government receiving stations, cable head-end facilities, or populated areas; or (c) within ten (10) kilometers of the proposed antenna, any proposed or authorized FM or TV transmitters which may produce receiver-induced intermodulation interference?

☒ Yes ☐ No

If Yes, attach as an Exhibit a description of any expected, undesired effects of operations and remedial steps to be pursued if necessary, and a statement accepting full responsibility for the elimination of any objectionable interference (including that caused by receiver-induced or other types of modulation) to facilities in existence or authorized or to radio receivers in use prior to grant of this application. (See 47 C.F.R. Sections 73.315(b), 73.316(e) and 73.318.)

Exhibit No.
Narrative

TENDERABILITY WORKSHEET T 89
To be used with the June 1989 301 Form

Application Examiner S. Hall Code 30 PN 2-28 91

Minor Change
Code 31 PN 1-11 91
Code 32 PN _____

City/State OCEAN CITY, MD
File Number BPH-901224MI

*Enclmd
AS PT
11/8/91
DLH*

Section I General Information

Defect

Page 1 (A) + Is the application timely filed? yes ☒ no ☐
(NOTE: Applicants not allowed to file prior to a window or after a window closes)

Page 1 (B) ** Is the proper 301 used? yes ☒ no ☐
(After 9/1/89 only the new Jun.89 form may be used)

{I Item 1 (C) Did the applicant provide a name and address? yes ☒ no ☐

{I Item 2 (D) Did the applicant provide:
(a) channel number? yes ☒ no ☐
(b) principal community? -

Section II Legal Qualifications

{II Items 7-10 (E) * Has the applicant provided a response to questions 7-10 -- multiple ownership? yes ☒ no ☐

- * Not applicable to minor change applications
- + Not applicable where minor change applications propose no change in site or in supporting structure.
- **After 6/26/89 applicants using either the Oct86, Aug87, or Jun89 forms must provide the supplemental material required in {V-B Item 13.

{II Items 7-10 (F) * Are exhibits provided if applicant responded YES to questions 7-10? yes ☒ no ☐

{II Item 11 (G) * Has the applicant certified to 47 USC {310(c)? yes ☐ no ☒

{II Item 11 (H) * If the answer to {II Item 11(b) is YES, is an exhibit provided? yes ☐ no ☒

Section III Financial

{III Item 1 (I) * Has the applicant checked YES, that it is financially qualified? (NOTE: As of 6/26/89, applicants must check YES) yes ☒ no ☐

Section V-B FM Broadcast Engineering Data

{V-B Item 1 (J) Has the applicant specified the principal community served? yes ☒ no ☐

{V-B Item 1 (K) Has the applicant specified the channel allocation? yes ☒ no ☐

{V-B Item 2(b) (L) Has the applicant provided the antenna coordinates? yes ☒ no ☐

{V-B Item 7(a)(b) (M) Has the applicant provided the elevation and height of radiation center data? yes ☒ no ☐

{V-B Item 8 (N) + Did the applicant submit an antenna sketch pursuant to Item 8? yes ☒ no ☐

{V-B Items 7&8 (O) + Does the elevation and radiation center height data provided in Items 7(a) & 7(b) agree with the corresponding data provided in the antenna sketch exhibit? yes ☒ no ☐

{V-B Item 9(a) (P) Is the effective radiated power specified? yes ☒ no ☐

{V-B Item 10 (Q) Has the applicant given a response to the directional antenna question? yes ☒ no ☐

{V-B Item 10 (R) If the response to Item 10 was YES, was an exhibit submitted? yes ☐ no ☒

{V-B Item 13 (S)(1) Has the applicant completed one of the following subsections: 13(a), 13(b), or 13(e)? yes ☒ no ☐

(S)(2) If 13(e) has been indicated, [the use of 47 CFR (73.215)] has an Exhibit been attached as required? yes ☐ no ☒

{V-B Item 15 (T) Does the applicant provide a proper 7.5 minute topographic site map? [NOTE: Map must comply with the 4/5/85 Public Notice, mimeo 3693. Specifically, map must contain:
1. Distance scale
2. Legible elevation contours
3. Original reference coordinates
4. A full scale map or map section
5. A reduced copy of the entire map accompanying the full size map section which displays the site, when a reduced copy is required.] yes ☒ no ☐

{V-B Item 16 (U) Does the applicant provide a map showing the community to be served? (NOTE: Map must contain:
1. Scale of distance
2. Original Latitude and Longitude markings
3. Transmitter location and radials
4. the 3.16mV/m and 1mV/m contours
5. legal boundaries of the community to be served) yes ☒ no ☐

Section VII Certifications

{VII Item 1 (V) * Has the applicant provided a public notice certification? yes ☒ no ☐

{VII Item 2 (W) + Has the applicant provided a site availability certification? yes ☒ no ☐

{VII Page 25 (X) Did the applicant sign the application? yes ☒ no ☐